
Product Data Sheet

Product Name: Adenine sulfate

Cat. No.: GC17278

Chemical Properties

Cas. No. 321-30-2

Chemical Name 7H-purin-6-amine;sulfuric acid

SMILES C1=NC2=C(N1)C(=NC=N2)N.C1=NC2=C(N1)C(=NC=N2)N.OS(=O)(=O)OFormula $C_5H_5N_5 \cdot 1/2H_2O_4S$ M.Wt 184.2Solubility $\geq 8.45\text{mg/mL}$ in Water with gentle warming Storage Store at -20°C General tips For obtaining a higher solubility , please warm the tube at 37°C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Adenine is a purine derivative and a nucleobase with a variety of roles in biochemistry. Adenine is a nucleobase with a variety of roles in biochemistry including cellular respiration, in the form of both the energy-rich adenosine triphosphate (ATP) and

Caution: Product has not been fully validated for medical applications. For research use only.

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